

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 5 and 7 and AMEND claims in accordance with the following:

1. (currently amended) An apparatus connected to a plurality of servers through a network environment, for dynamically assigning each of the plurality of servers to one of a plurality of customers and applying revision information to software operating in respective servers in a system that dynamically assigns software to a plurality of servers to perform customer services, comprising:

a storage device storing management information indicating a correspondence of a name of target software of issued revision information, an issue date, an importance degree and a version of the issued revision information, a customer used software list indicating a correspondence of a customer name, a name of software that the customer uses and a restricting condition including a threshold designated by the customer, and a dynamic assignment table indicating a correspondence of a server name, a customer name, a name of installed software and a version;

a calculation device calculating an index into which a newness of a software that a customer is using and a security level of the software have been integrated, by using information provided referring to the management information when new revision information is issued, calculating basic points corresponding to issue dates for respective versions of software corresponding to a name of target software of the new revision information, and calculating indexes of the respective versions by changing the obtained basic points according to importance degrees of the respective versions;

a storage device storing a restricting condition for the index that is designated by the customer; and

an application device referring to the customer used software list, obtaining a customer name and a restricting condition corresponding to the same name of software as the name of target software of the new revision information, referring to the dynamic assignment table, obtaining a customer name and a version corresponding to the same name of installed software

as the name of target software of the new revision information, checking whether the-a calculated index for the obtained version satisfies the restricting condition for each customer name by comparing the calculated index with a threshold included in the obtained restricting condition, obtaining a server name corresponding to the same name of installed software as the name of target software of the new revision information if the calculated index does not satisfy the restricting condition, and applying the new revision information to the installed software that the customer is using operating in a server with the obtained server name to update the installed software if the calculated index does not satisfy the restricting condition.

2. (currently Amended) A computer readable medium storing a program for a computer, connected to a plurality of servers through a network environment, to dynamically assign each of the plurality of servers to one of a plurality of customers and apply revision information to software operating in respective servers in a system that dynamically assigns software to a plurality of servers to perform customer services, the program causing a computer to execute a process comprising:

referring to management information indicating a correspondence of a name of target software of issued revision information, an issue date, an importance degree and a version of the issued revision information, calculating an index into which a newness of a software that a customer is using and a security level of the software have been integrated, by using the information provided when new revision information is issued, calculating basic points corresponding to issue dates for respective versions of software corresponding to a name of target software of the new revision information, and calculating indexes of the respective versions by changing the obtained basic points according to importance degrees of the respective versions;

reading a restricting condition for the index that is designated by the customer from a storage device; referring to a customer used software list indicating a correspondence of a customer name, a name of software that the customer uses and a restricting condition including a threshold designated by the customer, obtaining a customer name and a restricting condition corresponding to the same name of software as the name of target software of the new revision information, referring to a dynamic assignment table indicating a correspondence of a server name, a customer name, a name of installed software and a version, obtaining a customer name and a version corresponding to the same name of installed software as the name of target software of the new revision information, checking whether the-a calculated index for the obtained version satisfies the restricting condition for each customer name by comparing the

calculated index with a threshold included in the obtained restricting condition; and

obtaining a server name corresponding to the same name of installed software as the name of target software of the new revision information if the calculated index does not satisfy the restricting condition, and applying the new revision information to the installed software that the customer is using operating in a server with the obtained server name to update the installed software if the calculated index does not satisfy the restricting condition.

3. (currently Amended) The computer readable medium according to claim 2, the process further comprising preparing a same software configuration as that of a target the server with the obtained server name in which the software the customer is using is operating in an unused server that has not been assigned to any customer yet, applying the new revision information to the installed software that the customer is using included in the software configuration in the unused server, and assigning the unused server instead of the target server with the obtained server name to the customer in order to update the installed software.

4. (currently Amended) The computer readable medium according to claim 2, wherein the program applies the new revision information to update the software that has not been assigned to any customer in an unused server that has not been assigned to any customer, and assigns the unused server to a customer, when the customer who requires that software appears.

5. (cancelled)

6. (currently Amended) The computer readable medium according to claim 2, wherein the program calculates the index for a version of the target software that the customer is using out of a plurality of versions of the target software to which the new revision information is applied, and applies the new revision information to said version of the target software if the index of the version of the target software that the customer is using does not satisfy the restricting condition.

7. (cancelled)

8. (currently Amended) A method for dynamically assigning each of a plurality of servers to one of a plurality of customers and applying revision information to software operating

in respective servers in a system that dynamically assigns software to a plurality of servers,
comprising:

referring to management information indicating a correspondence of a name of target
software of issued revision information, an issue date, an importance degree and a version of
the issued revision information, calculating an index into which a newness of a software that a
customer is using and a security level of the software have been integrated, by using the
information provided when the new revision information is issued, calculating basic points
corresponding to issue dates for respective versions of software corresponding to a name of
target software of the new revision information, and calculating indexes of the respective
versions by changing the obtained basic points according to importance degrees of the
respective versions;

reading a restricting condition for the index that is designated by the customer from a
storage device; referring to a customer used software list indicating a correspondence of a
customer name, a name of software that the customer uses and a restricting condition including
a threshold designated by the customer, obtaining a customer name and a restricting condition
corresponding to the same name of software as the name of target software of the new revision
information, referring to a dynamic assignment table indicating a correspondence of a server
name, a customer name, a name of installed software and a version, obtaining a customer name
and a version corresponding to the same name of installed software as the name of target
software of the new revision information, checking whether the a calculated index for the
obtained version satisfies the restricting condition for each customer name by comparing the
calculated index with a threshold included in the obtained restricting condition; and

obtaining a server name corresponding to the same name of installed software as the
name of target software of the new revision information if the calculated index does not satisfy
the restricting condition, and applying the new revision information to the installed software that
the customer is using operating in a server with the obtained server name to update the installed
software if the calculated index does not satisfy the restricting condition.

9. (currently Amended) An apparatus connected to a plurality of servers through a
network environment, for dynamically assigning each of the plurality of servers to one of a
plurality of customers and applying revision information to software operating in respective
servers in a system that dynamically assigns software to a plurality of servers to perform
customer services, comprising:

storage means for storing management information indicating a correspondence of a

name of target software of issued revision information, an issue date, an importance degree and a version of the issued revision information, a customer used software list indicating a correspondence of a customer name, a name of software that the customer uses and a restricting condition including a threshold designated by the customer, and a dynamic assignment table indicating a correspondence of a server name, a customer name, a name of installed software and a version;

calculation means for calculating an index into which a newness of a software that a customer is using and a security level of the software have been integrated, by using the information provided referring to the management information when the new revision information is issued, calculating basic points corresponding to issue dates for respective versions of software corresponding to a name of target software of the new revision information, and calculating indexes of the respective versions by changing the obtained basic points according to importance degrees of the respective versions;

storage means for storing the restricting condition for the index that is designated by the customer; and

application means for referring to the customer used software list, obtaining a customer name and a restricting condition corresponding to the same name of software as the name of target software of the new revision information, referring to the dynamic assignment table, obtaining a customer name and a version corresponding to the same name of installed software as the name of target software of the new revision information, checking whether the calculated index for the obtained version satisfies the restricting condition for each customer name by comparing the calculated index with a threshold included in the obtained restricting condition, obtaining a server name corresponding to the same name of installed software as the name of target software of the new revision information if the calculated index does not satisfy the restricting condition, and applying the new revision information to the installed software that the customer is using operating in a sever-server with the obtained server name to update the installed software if the calculated index does not satisfy the restricting condition.